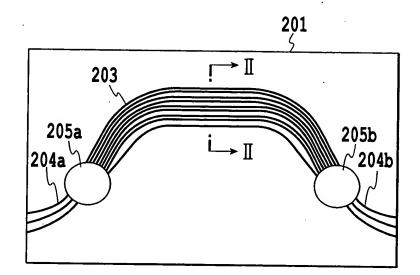
Title: OPTICAL WAVEGUIDE CIRCUIT Inventors: Shin Kamei, Yasuyuki Inoue, Takuya Tanaka,

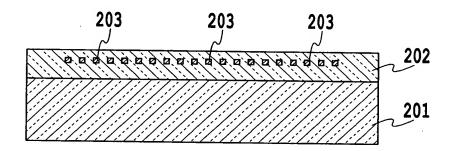
and Toshikazu Hashimoto Docket No.: 14321.59

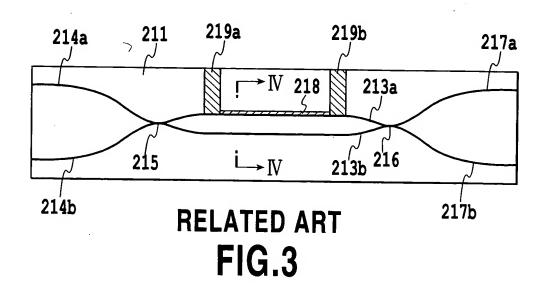
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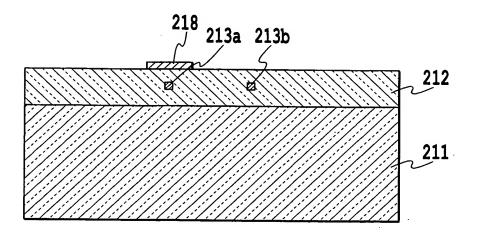
RELATED ART FIG.1

RELATED ART FIG.2

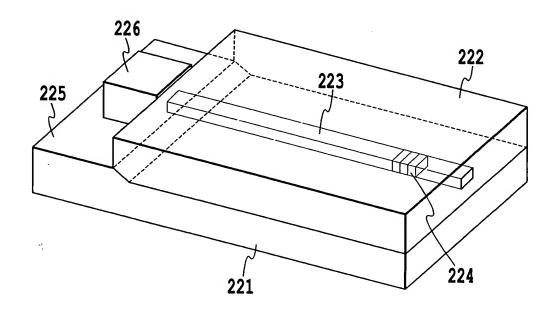




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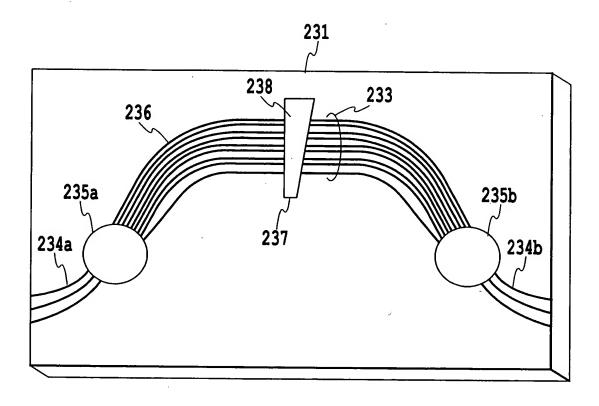


RELATED ART FIG.4

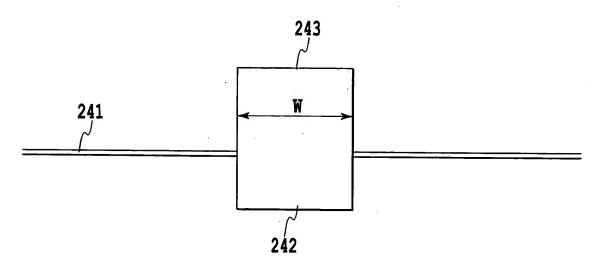


RELATED ART FIG.5

Inventors: Shin Kamei, Yasuyuki Inoue, Takuya Tanaka, and Toshikazu Hashimoto
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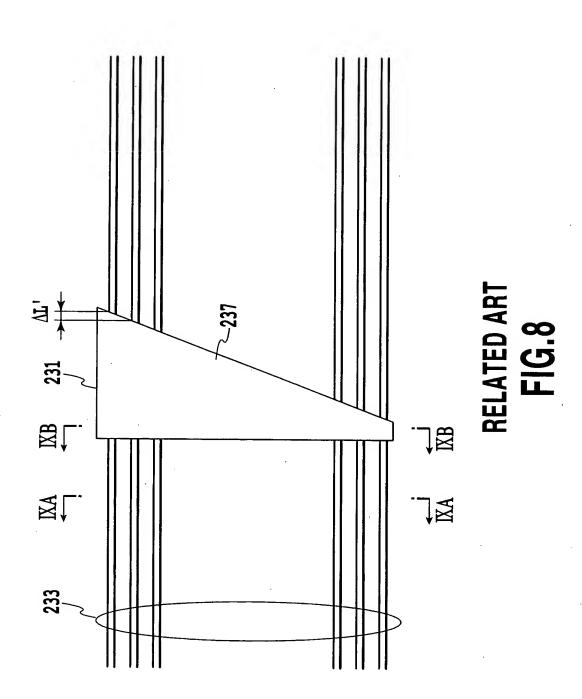


RELATED ART FIG.6

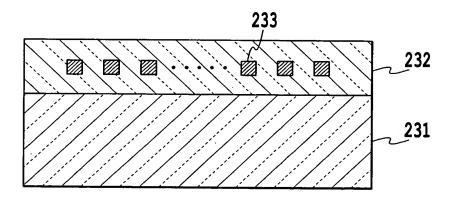


RELATED ART FIG.7

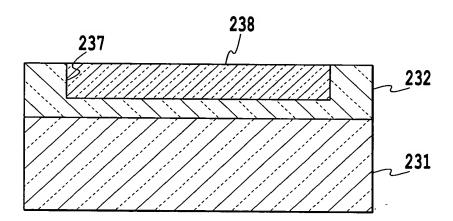
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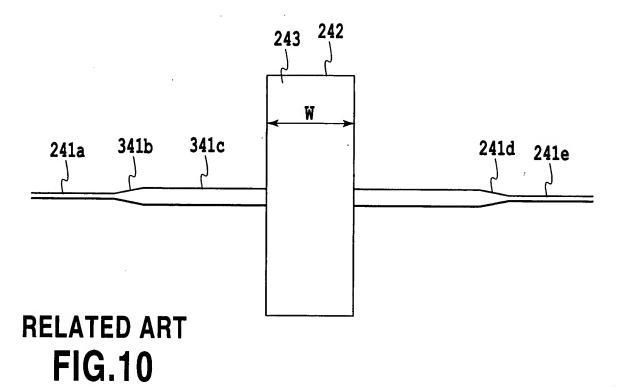


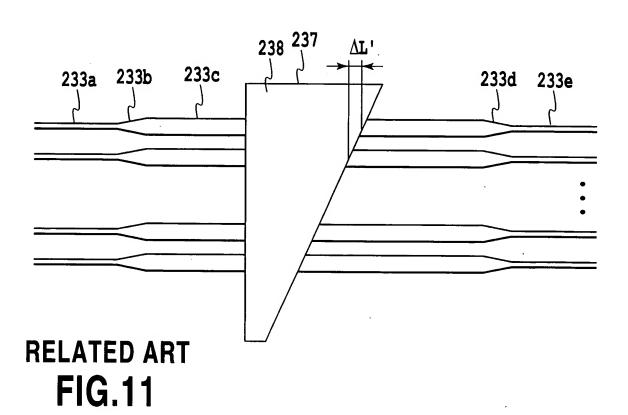
RELATED ART FIG.9A



RELATED ART FIG.9B

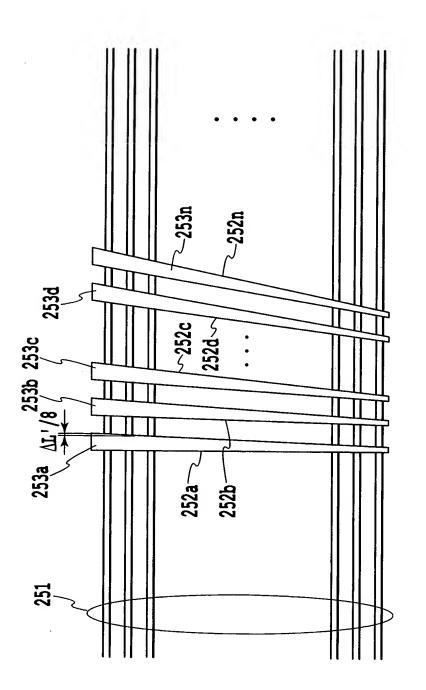
Docket No.: 14321.59



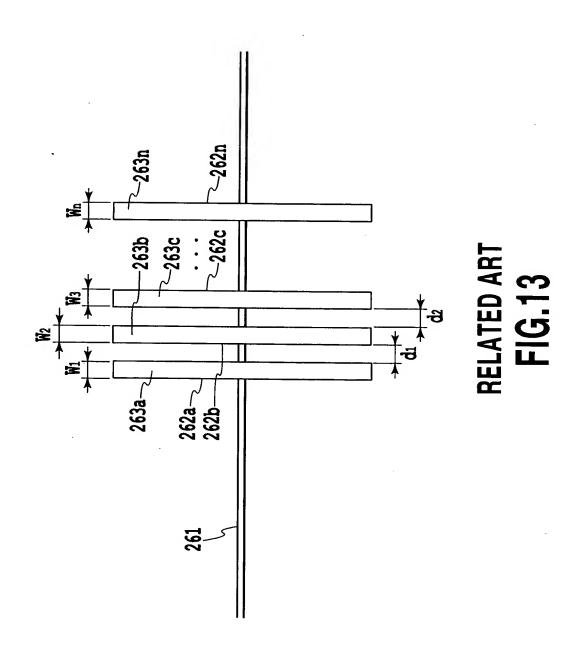


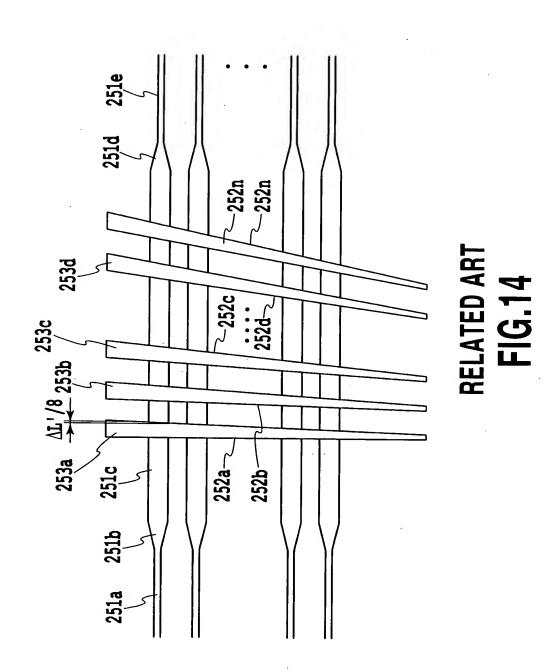
Inventors: Shin Kamei, Yasuyuki Inoue, Takuya Tanaka, and Toshikazu Hashimoto

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RELATED ART FIG.12





Title: OPTICAL WAVEGUIDE CIRCUIT
Inventors: Shin Kamei, Yasuyuki Inoue, Takuya Tanaka,

and Toshikazu Hashimoto Docket No.: 14321.59

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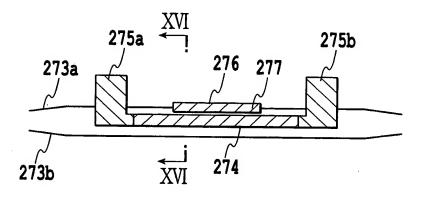


FIG.15

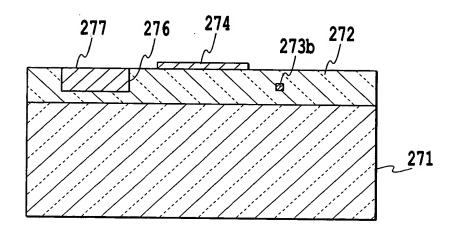
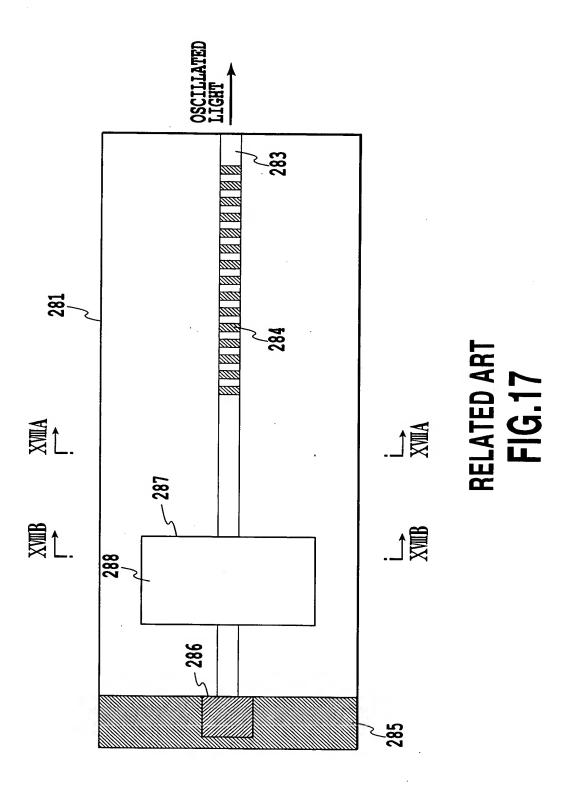


FIG.16



Title: OPTICAL WAVEGUIDE CIRCUIT Inventors: Shin Kamei, Yasuyuki Inoue, Takuya Tanaka,

and Toshikazu Hashimoto Docket No.: 14321.59

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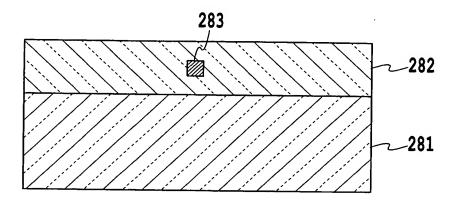


FIG.18A

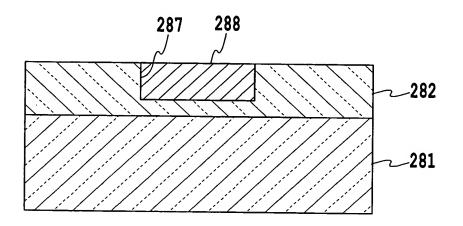
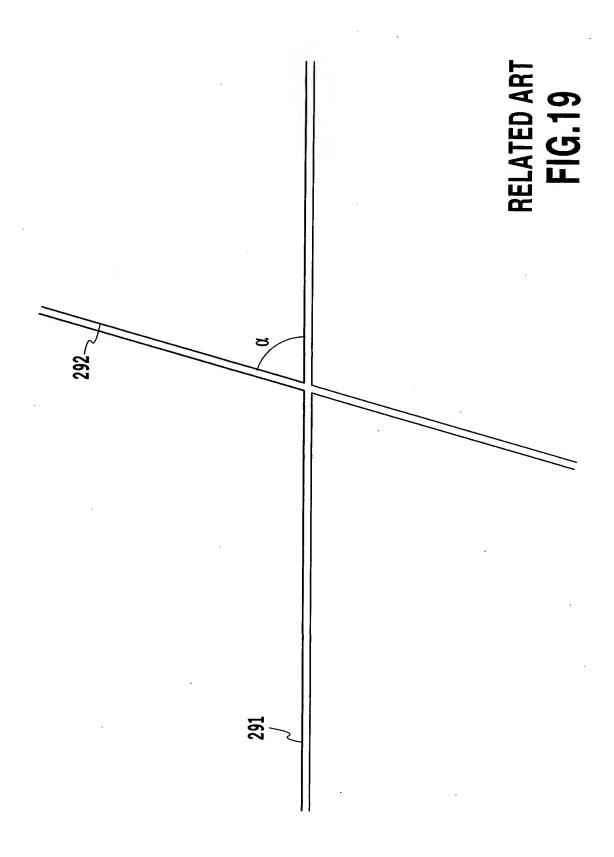
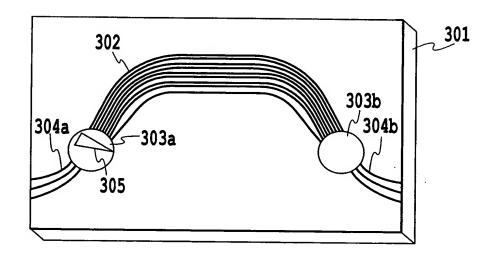


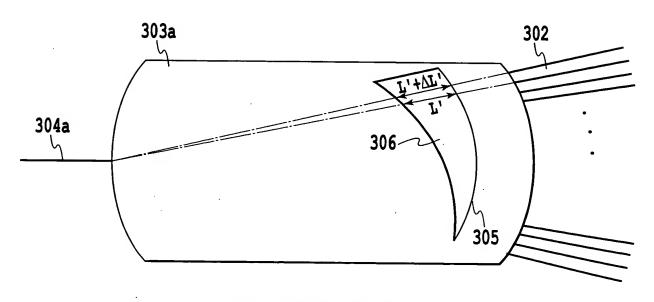
FIG.18B

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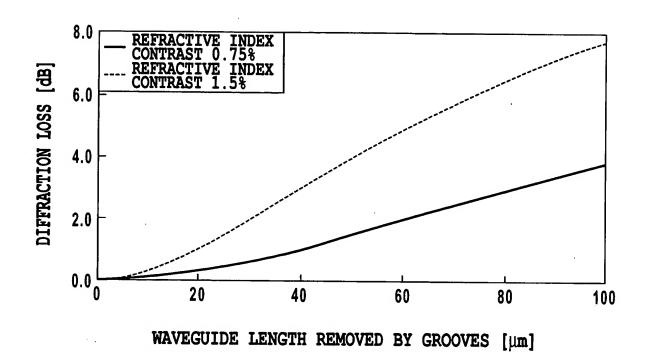


RELATED ART FIG.20



RELATED ART FIG.21

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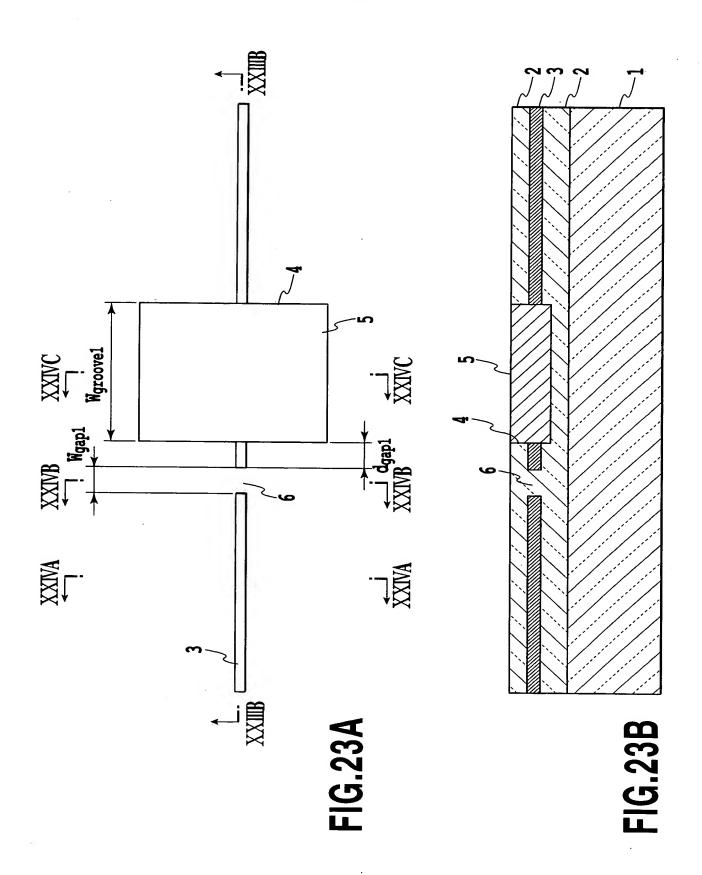


RELATED ART FIG.22

Title: OPTICAL WAVEGUIDE CIRCUIT
Inventors: Shin Kamei, Yasuyuki Inoue, Takuya Tanaka,
and Toshikazu Hasai Tanaka

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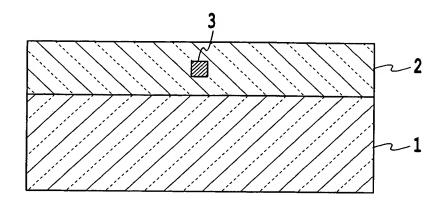


FIG.24A

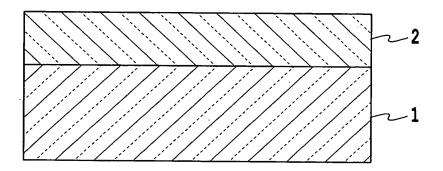


FIG.24B

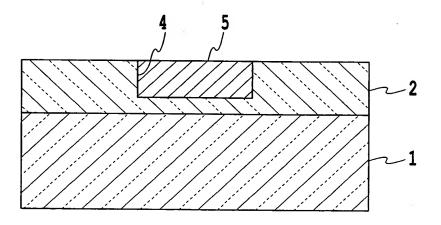
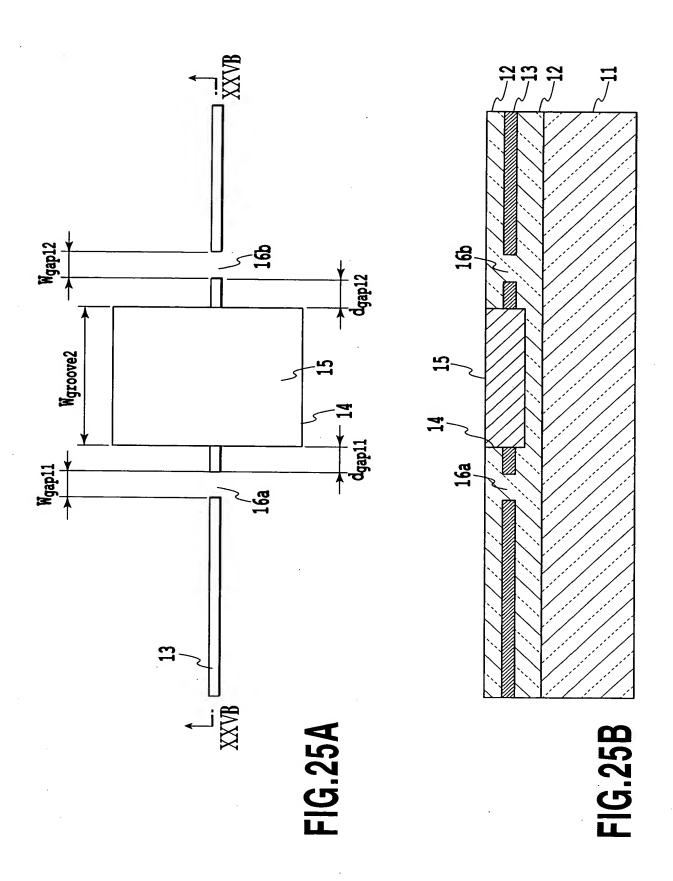


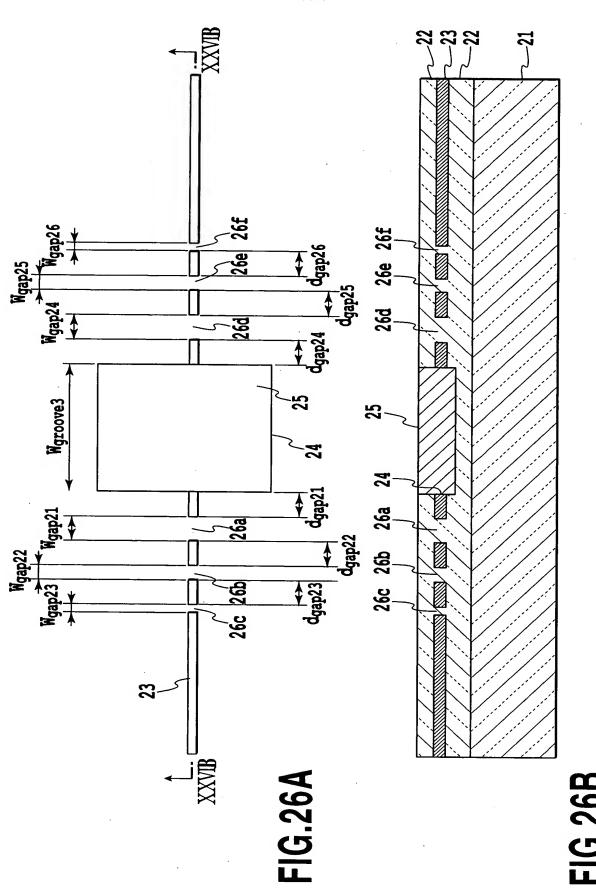
FIG.24C

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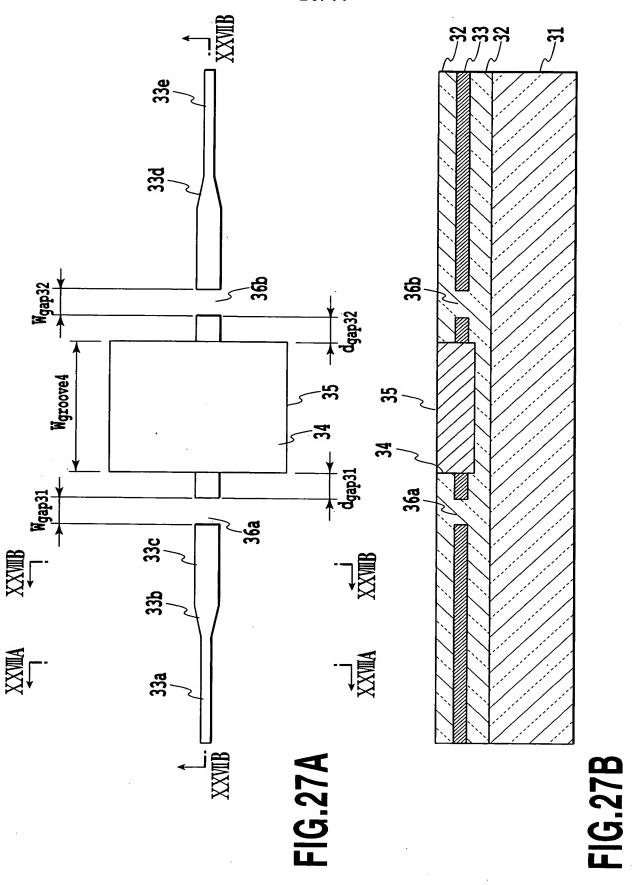


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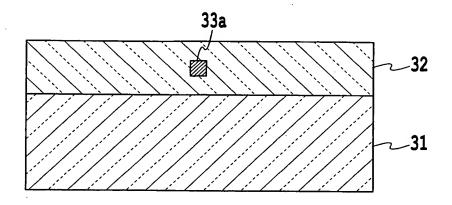


FIG.28A

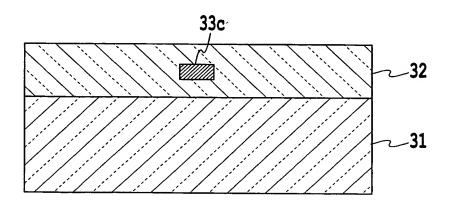
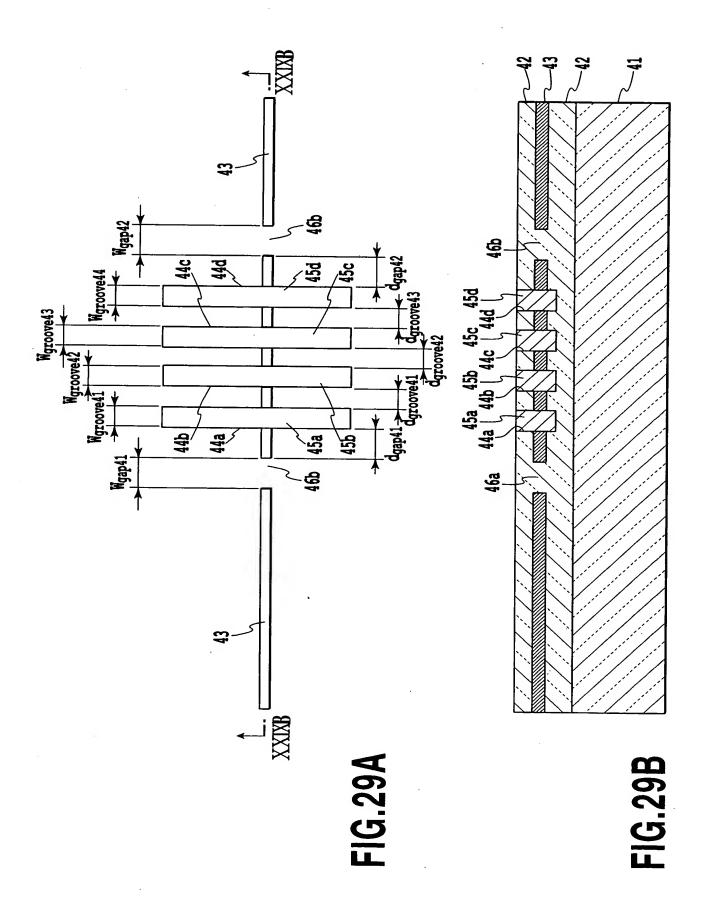


FIG.28B

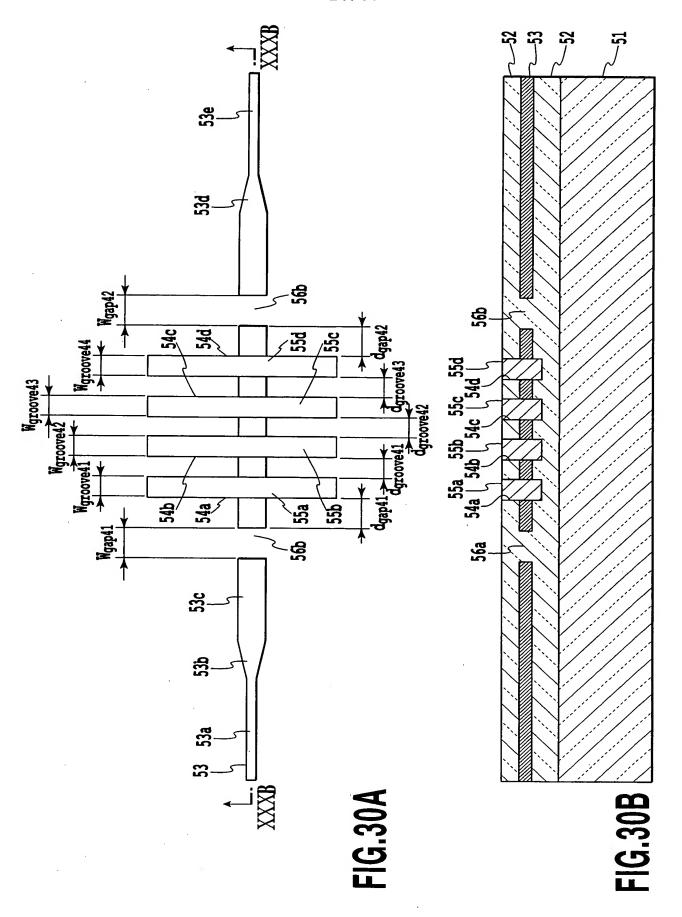
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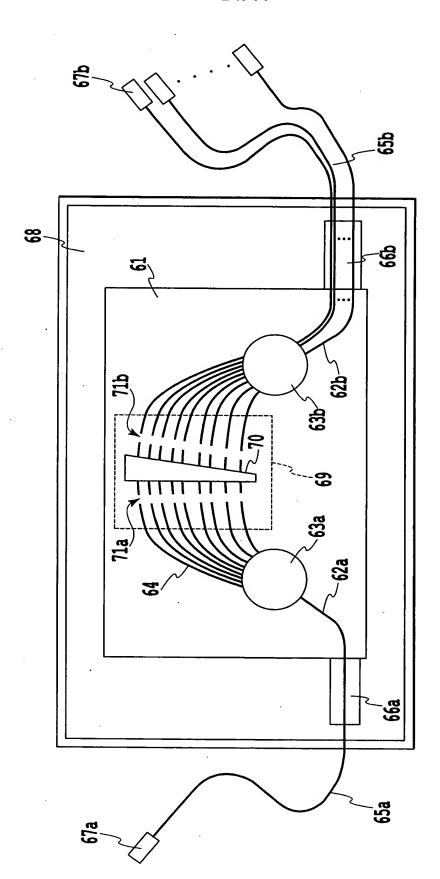


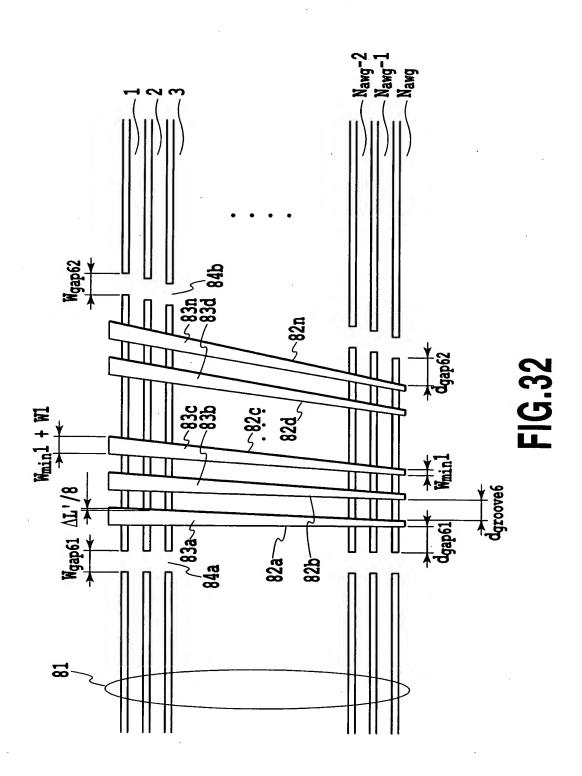
Title: OPTICAL WAVEGUIDE CIRCUIT Inventors: Shin Kamei, Yasuyuki Inoue, Takuya Tanaka,

and Toshikazu Hashimoto Docket No.: 14321.59

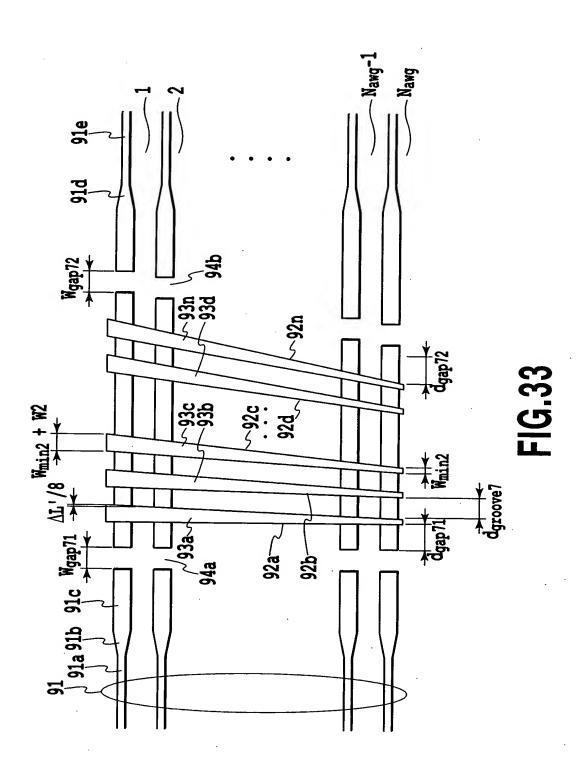
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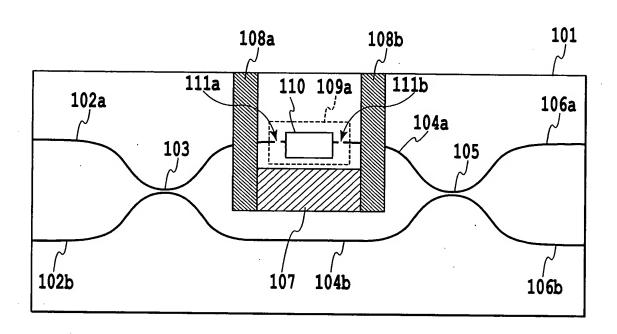
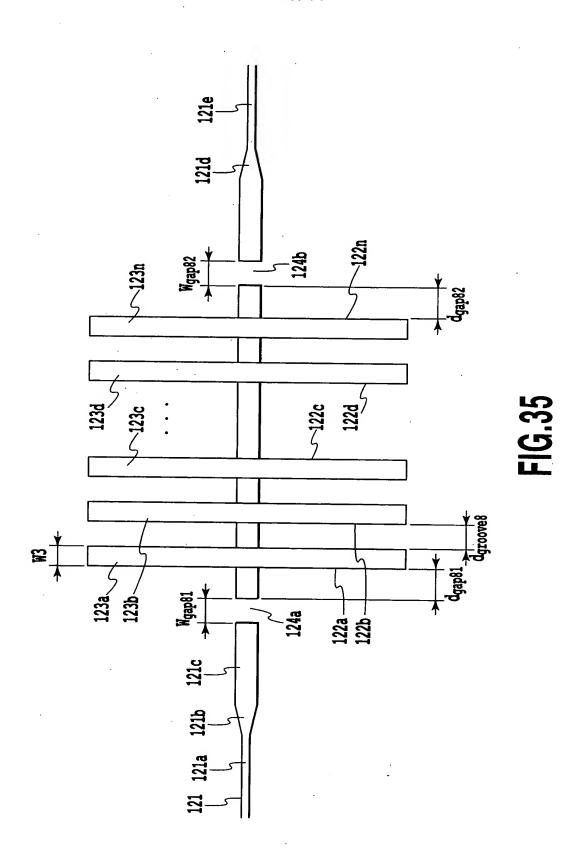
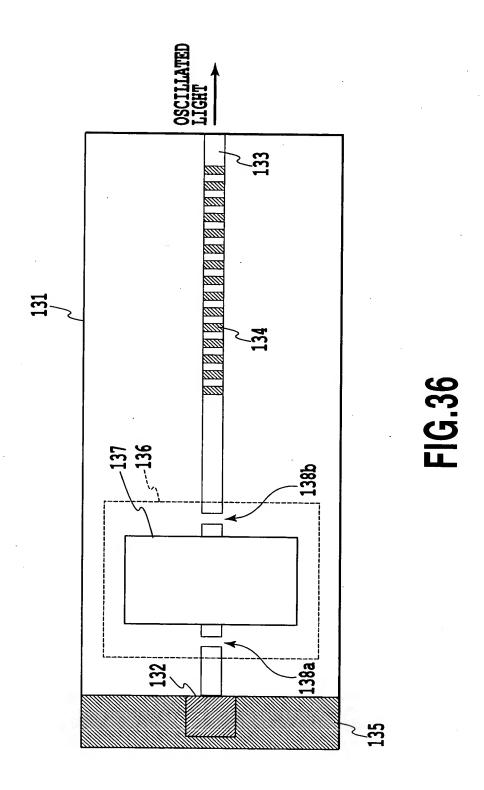


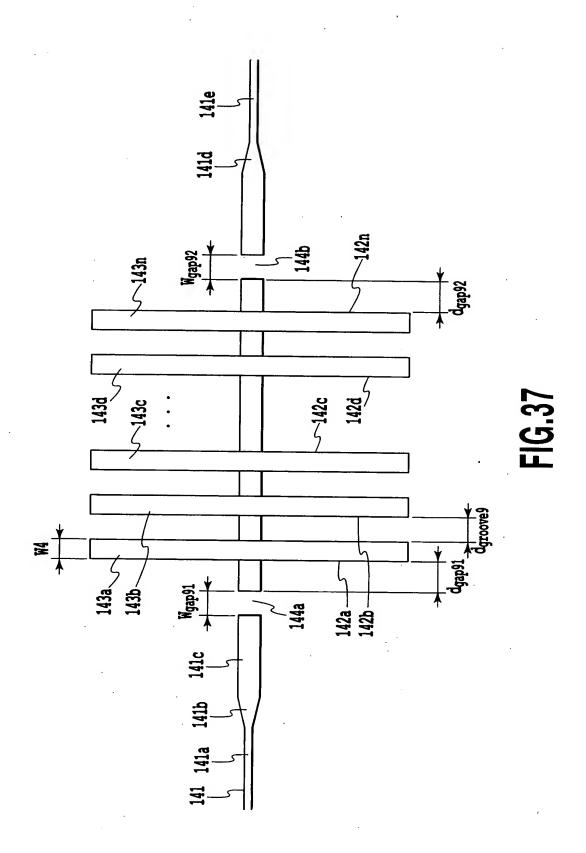
FIG.34

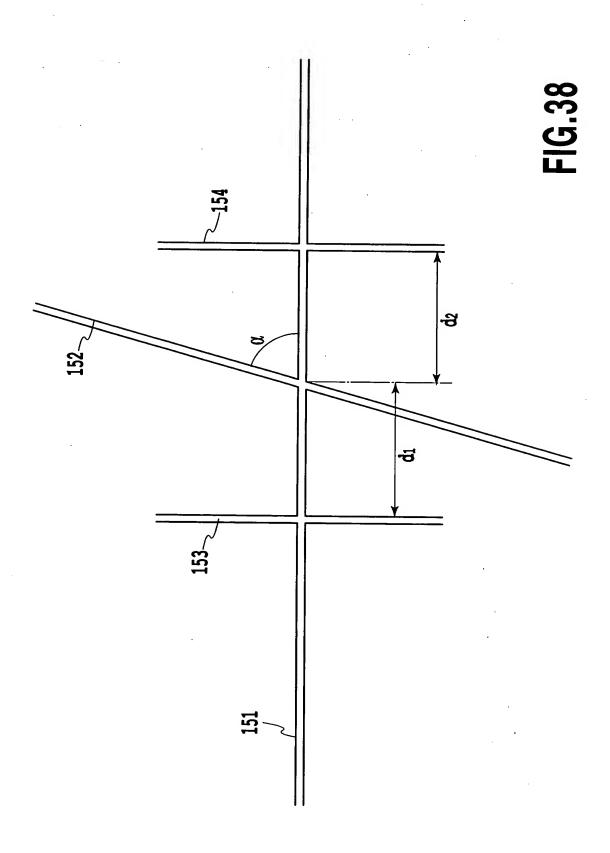
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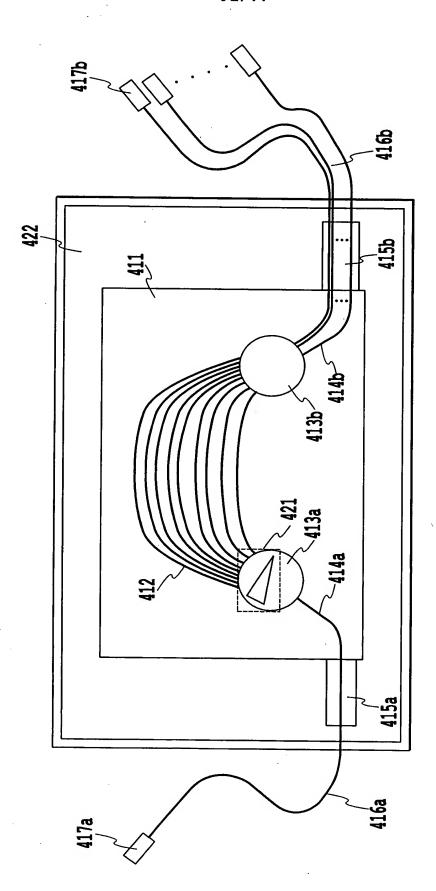


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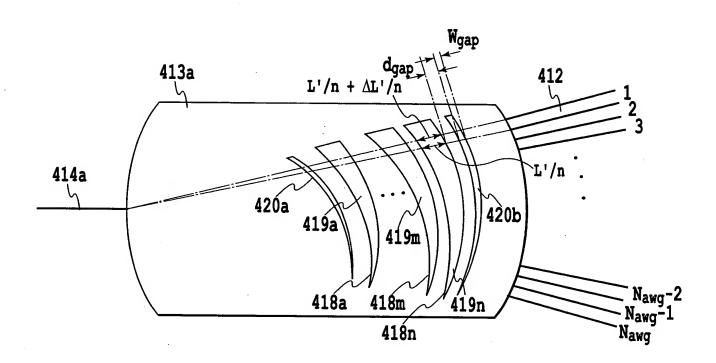
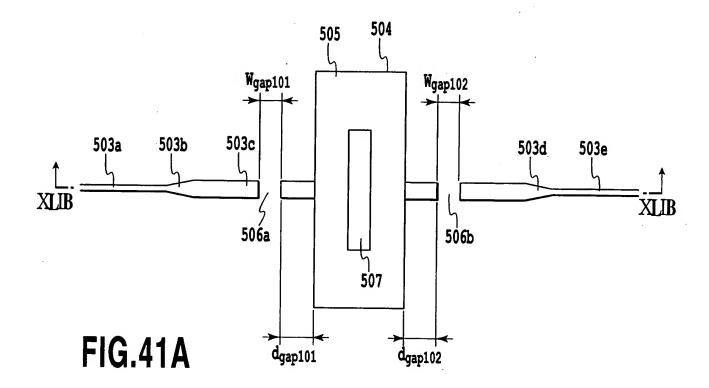


FIG.40

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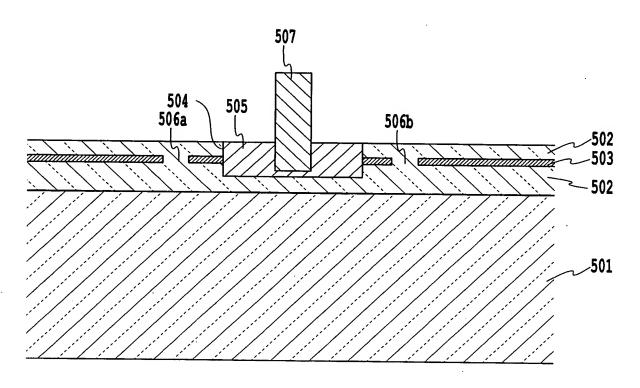


FIG.41B

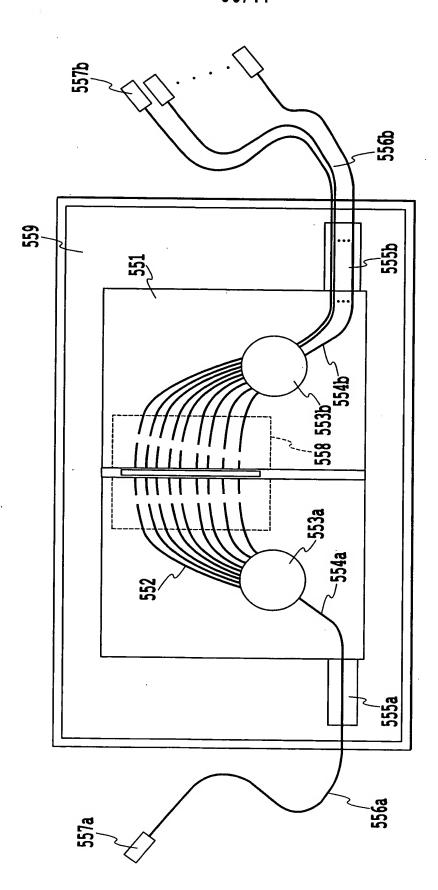
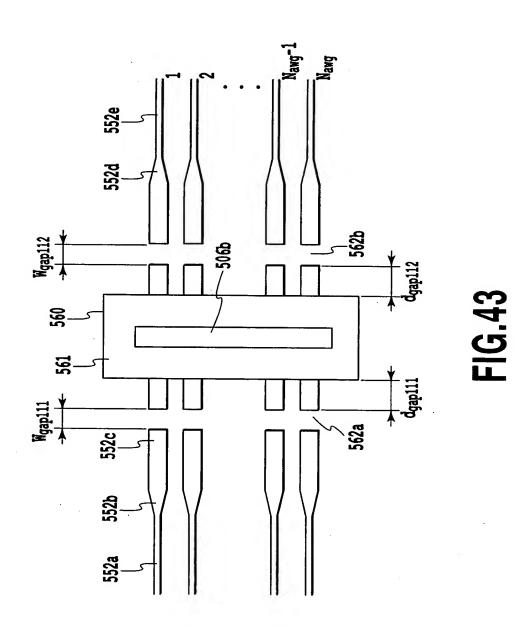
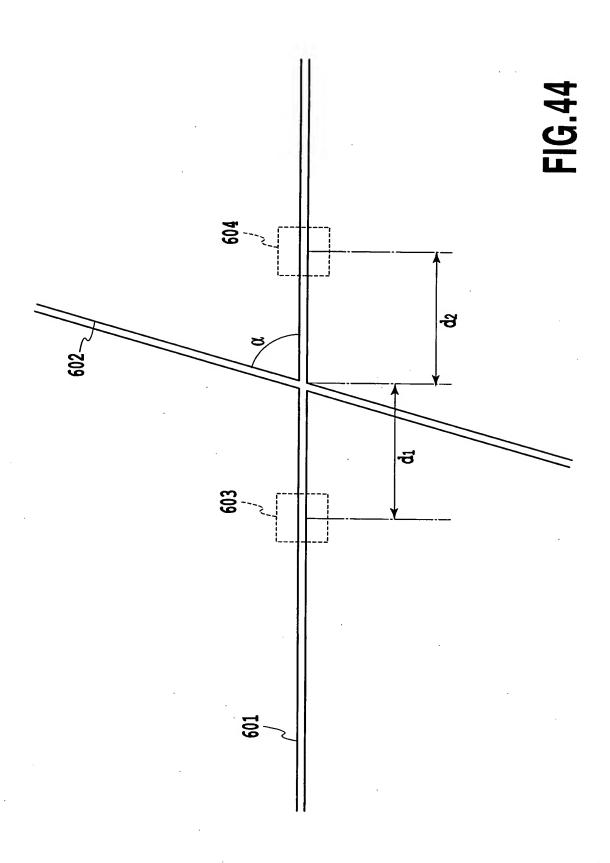


FIG. 42





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and Toshikazu Hashimoto Docket No.: 14321.59

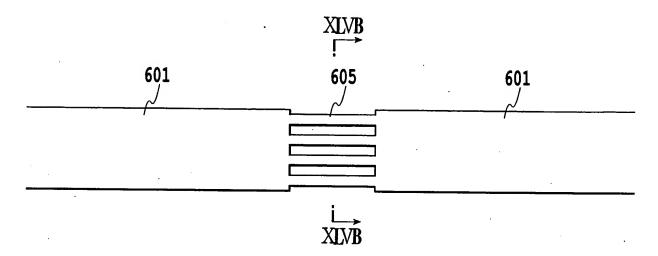


FIG.45A

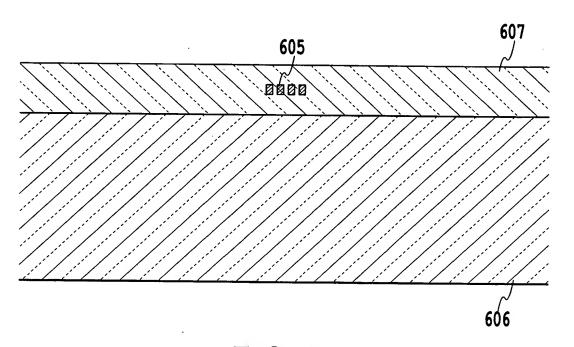


FIG.45B

Inventors: Shin Kamei, Yasuyuki Inoue, Takuya Tanaka, and Toshikazu Hashimoto

and Toshikazu Hashimot Docket No.: 14321.59

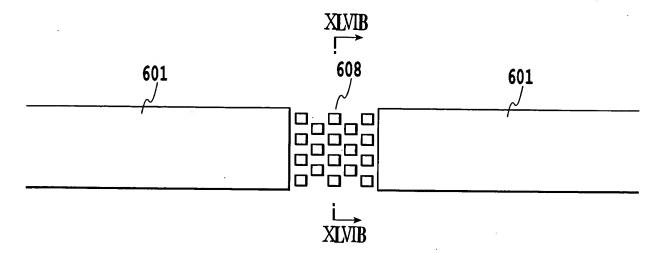


FIG.46A

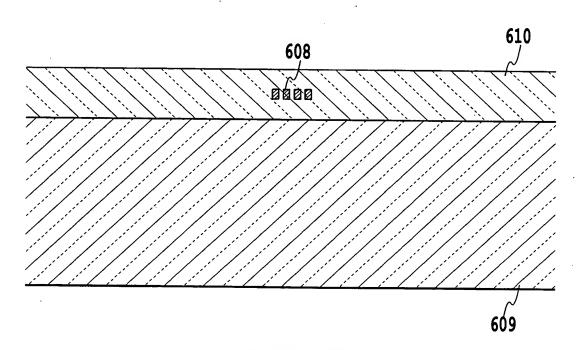
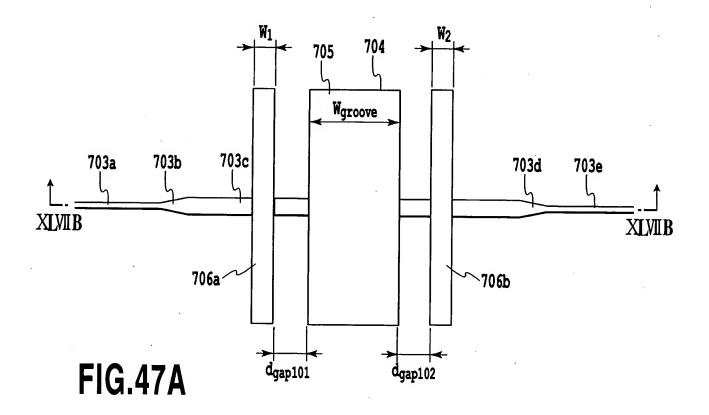


FIG.46B

Inventors: Shin Kamei, Yasuyuki Inoue, Takuya Tanaka,

and Toshikazu Hashimoto Docket No.: 14321.59



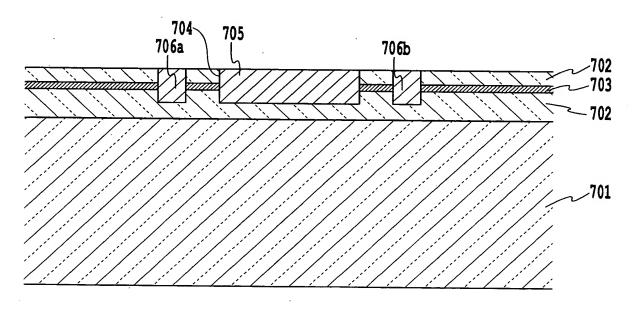


FIG.47B

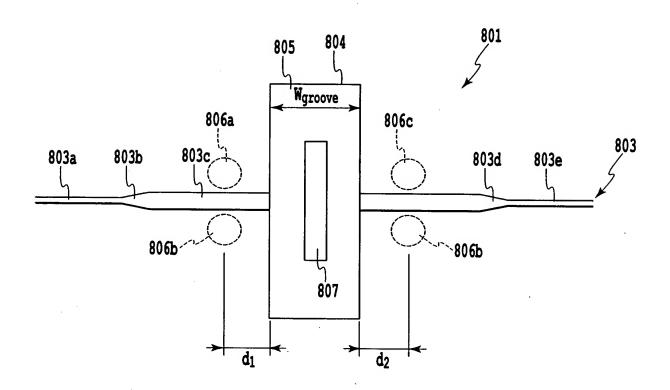


FIG.48